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DEERS/Medical

MHS Database Roles

Prepared for

The Office of the Undersecretary of Defense

Personnel and Readiness

And

The Defense Manpower Data Center

Contents

1 Introduction

Redesigned DEERS ("DEERS" in this document) will function both as a repository and as a database of record, depending on the type of information transferred to or queried from DEERS. This document delineates these roles DEERS plays in data management. It also specifies the data for which DEERS serves as database of record, meaning "acts as ultimate authority" or "owns," as well as the data for which DEERS merely serves as a repository, because DEERS receives this data secondarily from another information source.

2 Repository

2.1 Overview

In a repository role, external sources obtain, store, and forward their data to DEERS. DEERS will act as a central warehouse in order to store business standards and data. The main features include the following:

- Data is established by external entities.
- Data is sent to DEERS and is centrally stored.

Therefore, DEERS performs minimal editing, for example, validating data type. DEERS also establishes and maintains external ownership for enrollment updates.

2.2 Data for Which DEERS is a Repository

DEERS will serve as a central repository for various types of information. In these cases, some source other than DEERS serves as the database of record for this information.

2.2.1 Accumulated Enrollment Fee Payment Amounts

The enrolling organizations serve as database of record for fee payment details. DEERS serves as a repository, not only for this information, but also for the accumulation of fee payments for a policy, regardless of the fee detail source(s).

2.2.2 Blood Type and Organ Donor Patient Data

CHCS serves as database of record for this information. DEERS receives the information secondarily, for example, when a person chooses to indicate their preferences on organ donation.

2.2.3 Catastrophic Cap and Deductible Amount Details

The claims processing or enrolling organization entities serve as database of record for this information. DEERS receives the information secondarily when claims are paid or enrollment fees are applied to catastrophic cap and deductible.

2.2.4 Enrollment End Reason (Other Than Loss of Eligibility)

The enrolling organizations serve as database of record for this information. DEERS receives the information secondarily when an enrollment is terminated for such reasons as failure to pay enrollment fees or voluntary disenrollment.

2.2.5 Enrollment Fee Payment Details

The enrolling organizations serve as database of record for this information. DEERS receives the information secondarily for individual enrollment fee payment information, such as the payment amount and paid-through date.

2.2.6 Enrollment Fee Waiver Information

The enrolling organizations serve as database of record for this information. Enrollment fee waiver information should be sent to DEERS to support enrollment portability and to explain why cumulative fee payments may be less than expected for a policy. DEERS does not track enrollment fee waivers over time.

2.2.7 Non-beneficiary Persons

CHCS is an entity that provides non-DoD beneficiary information to DEERS. DEERS receives this information when a patient who is not associated with the DoD is treated at a military treatment facility.

2.2.8 PCM Details

Primary Care Manager (PCM) information is established and maintained by the enrolling organization. DEERS receives the information secondarily and serves as a central repository for PCM information, including the PCM name and identifier.

2.2.9 Residence Mailing Address Information

The data source located nearest to the person's residence is assumed to have the most current address information. DEERS receives the information secondarily from a number of source systems. The address captured on DEERS is primarily used for Enrollment Based Capitation (EBC) within the Department of Defense (DoD) for the delivery of medical care to the entitled population contained within the DEERS.

2.2.10 Telephone Number Data

As part of the address capture, DEERS will capture the telephone number of the person. This information is received through user input into supported system to system interfaces or DEERS developed on-line interfaces. DEERS receives this information from a number of source systems.

2.3 Transferring Repository Data to DEERS

In some cases, updates to repository data may be sent to DEERS without a prior inquiry to ensure that the most current information is available prior to the update. To perform these updates, the organization must have previously obtained the person's unique identifier information, e.g. DEERS Id or Patient Id.

2.3.1 Information Updates Not Requiring Inquiry to DEERS

- Blood type and organ donor patient information
- Enrollment end reason data
- Enrollment fee payment data
- PCM details
- Residence address and telephone number data

2.3.2 Information Updates Requiring an Inquiry to DEERS

- Catastrophic cap and deductible amounts
- Addition of non-beneficiary persons

2.3.3 Conflict Resolution Updates That do Not Require Querying DEERS First

DEERS will apply ownership rules in order to resolve data conflicts. For address updates, DEERS will utilize the last in/first out rule. Since all addresses will be accompanied with a date, the most recent address will be what DEERS shows in the response. Enrollment updates will also be applied on a "current owner" basis by ensuring that the system managing a person's enrollment, or DEERS, is the only entity allowed to make modifications to an enrollment.

3 Database of Record

3.1 Overview

As a database of record, DEERS assumes ownership of the data. The client or trading partner supplies data to DEERS and receives an acknowledgement from DEERS. The external entity may then also store the data. The main features include:

- Centralized editing by DEERS is required for acceptance of data by systems external to DEERS.
- Current data in the DEERS database should be accessed before updates are possible.
- DEERS is considered to have the most current and complete data.
- DEERS will be responsible for the validity of the data.
- DEERS will reject invalid data.
- Information stored externally to DEERS is considered a subset of the DEERS central database of record and may not contain the most current information (i.e., eligibility)

3.2 Data For Which DEERS is the Database of Record

DEERS will serve as the database of record for various types of information. The source of the data may come from one or several sources, both inside and outside of the DoD.

3.2.1 Accumulated Catastrophic Cap and Deductible Amounts

DEERS is the official source for accumulating catastrophic cap and deductible from the detail catastrophic cap and deductible amounts. Ownership is maintained by DEERS for portability.

3.2.2 Correspondence Mailing Address Information

In addition to the Residence Mailing Address, a person may designate a Correspondence Mailing Address. The same validity criteria for the Residence Mailing Address are applied to the Correspondence Mailing Address with one exception: a Correspondence Mailing Address can be a post office box. This address is used for mailing notifications of changes to benefits and other directed mailings when a Residence Mailing Address is not available. This address is not used to identify a physical location for Enrollment-Based Capitation (EBC). DEERS receives the information for Correspondence Mailing Address from a number of source systems.

3.2.3 Eligibility Data

DEERS is the official source for eligibility data.

3.2.4 Enrollment Data

Enrollment data is established only on DEERS, due to eligibility and portability considerations.

3.2.5 Master Patient Index

DEERS is considered to have the most current and complete set of data to identify patients within the DoD.

3.2.6 Master Person Index

DEERS is considered to have the most current and complete set of data to identify persons within the DoD.

3.2.7 Nonavailability Statement Information

DEERS maintains the data necessary to create an NAS and serves as database of record for this information. CHCS is responsible for sending the data to DEERS and, therefore, DEERS receives the information secondarily.

3.2.8 Other Government Programs

Other Government Program data comes from different sources including RAPIDS, official DoD sources, and sources external to the DoD and is, therefore, maintained only by DEERS.

3.2.9 Other Health Insurance Data

Other Health Insurance comes from multiple sources, but is centralized in DEERS.

3.2.10 Person Identification Information

Family Member SSNs come from different sources and multiple business areas, but are owned by DEERS.

3.2.11 Policy Enrollment Anniversary Date

DEERS is the official source of the enrollment anniversary date for any given policy.

3.2.12 Standard Insurance Data

Standard Insurance Tables data comes from sources external to DoD, but is centralized in DEERS.

4 Database Roles Matrix

Repository	Database of Record
Accumulated Enrollment Fee Payment Amounts	Accumulated Catastrophic Cap and Deductible Amounts
Blood Type and Organ Donor Patient Data	Correspondence Mailing Address Information
Catastrophic Cap and Deductible Amount Details	Eligibility Data
Enrollment End Reason (Other Than Loss of Eligibility)	Enrollment Data
Enrollment Fee Payment Details	Master Patient Index
Enrollment Fee Waiver Information	Master Person Index
Non-beneficiary Persons	Nonavailability Statement Information
PCM Details	Other Government Programs
Residence Mailing Address Information	Other Health Insurance Data
Telephone Number Data	Person Identification Information
	Policy Enrollment Anniversary Date
	Standard Insurance Data